

Message Text

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TAGS: BEXP, PROP, UR
SUBJECT: FERROUS METALLURGY S/ME, DECEMBER 11-15,
1978

REF: MOSCOW 5991

1. COMOFF MET WITH MINFERROUS OFFICIALS (DELLO AND
ALEKSEYEV) JUNE 23 TO DISCUSS SUBJECT S/ME.
ALEKSEYEV PRESENTED LIST OF SPECIFIC TOPICS WHICH
MINISTRY WOULD LIKE TO HAVE ADDRESSED AT SEMINAR.
IN FACT, LIST CONSISTS OF TITLES OF PUBLISHED
MATERIAL BY VARIOUS U.S. FIRMS. FOLLOWING IS
FREE TRANSLATION OF TITLES AND NAME OF FIRM WHERE
AVAILABLE:

(A) LASERS FOR CONTINUOUS ANALYSIS OF PARTICLE
SIZE DURING BENEFICIATION. (TACONITE)

(B) TECHNICAL METHODS FOR TAKING SAMPLES,
PREPARATION AND ENRICHMENT OF SAMPLES FROM
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BATCHES OF ORE. (ARL)

(C) EXPERIMENTAL DEVELOPMENT AND USE OF
SYSTEMS FOR GAS DISTRIBUTION PARAMETER CONTROL
ON THE PIT SECTION OF BLAST FURNACES, INCLUDING
CONTROL OF GAS VELOCITY ON RADIUS OF FURNACE.
(U.S. STEEL)

(D) INSTRUMENTS FOR SIMULTANEOUS MEASUREMENT OF QUANTITY OF CARBON AND SILICON IN FERROUS-CARBON IRON.
(LEEDS AND NORTHRUP)

(E) INSTRUMENTS FOR IDENTIFYING SILICON IN STEEL AND IRON "SILTRAC" (LEEDS AND NORTHRUP)

(F) AUTOMATED REGULATION OF PIPE-BEADING OF GAS FROM OXYGEN CONVERTER WITHOUT COMBUSTION IN THE CAISSON: SYSTEM Q-09 (US STEEL)

(G) AUTOMATION OF CONTINUOUS CASTING MACHINERY USING COMPUTER (US STEEL)

(H) MII-COMPUTERS FOR ELECTROSLAG SMELTING (WESTINGHOUSE ELECTRIC)

(I) RAPID ANALYSIS OF CHEMICAL COMPOSITION OF METAL AND SLAG DURING SMELTING, WITH USE OF X-RAY SPECTRO EQUIPMENT

(J) PHOTOELECTRIC AND LASER SYSTEMS FOR SIZE CONTROL AND OTHER CHARACTERISTICS OF ROLLING METAL

(K) LATEST RESEARCH IN MECHANIZATION AN AUTOMATION OF NON-DESTRUCTIVE TESTING OF METAL PRODUCTION EQUIPMENT, LIMITED OFFICIAL USE

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(E.G., ULTRASOUND MAGNETIC, CURRENT VORTEX DEFECTOSCOPES, AND DATA REDUCTION EQUIPMENT)

(L) USE OF HEAT METHODS FOR QUALITY CONTROL AND METAL PRODUCTION AND MAINTENANCE OF EQUIPMENT FOR METALLURGICAL PRODUCTION

(M) SYSTEMS FOR AUTOMATED VIBRATION CONTROL OF MACHINES, INCLUDING TURBOEQUIPMENT (EXXON RESEARCH AND ENGINEERING CO.)

3. COMOFF MET WITH VP AL HUTNIK OF US STEEL ENGINEERS AND CONSULTANTS (USSE&C) JUNE 26 AND DISCUSSED FORTHCOMING FERROUS S/ME. HUTNIK GAVE VERBAL ON BEHALF OF USSE&C. COMPANY WILL PROBABLY TIE SEMINAR PAPER TO ONE OF USS TITLES LISTED IN PARA TWO.

4. AT CONCLUSION OF TALK, ALEKSEYEV SUDDENLY REMARKED THAT MINFERROUS LIST WAS AN EXAMPLE OF SOVIET COOPERATION AND THAT IT WAS JUST ONE OF MANY INSTANCES OF SOVIET WILLINGNESS TO COOPERATE WITH US. HE THEN REFERRED DIRECTLY TO PRESIDENT CARTER'S ANNAPOLIS SPEECH AND SOVIET GOVERNMENT'S RESPONSE PUBLISHED IN

JUNE 17 PRAVDA AND, RECOMMENDED A CAREFUL READING OF
LATTER TO COMOFF. (COMMENT: ALEKSEYEV HAS ALWAYS
BEEN AMONG MOST HELPFUL OF SOVIET INDUSTRIAL MINISTRY
OFFICIALS IN ASSISTING USCO WITH ITS TRADE PROGRAM.
HIS ABRUPT SWITCH FROM COMMERCIAL DISCUSSION TO SEEMINGL
PROGRAMMED POLITICAL RHETORIC MAY HAVE BEEN
PRINCIPALLY FOR DELLO'S BENEFIT. THIS WAS FIRST TIME
IN COMOFF'S MANY VISITS TO SOVIET INDUSTRIAL MINISTRIES
THAT POLITICAL SUBJECT WAS BROUGHT UP BY SOVIET
HOST.) TOON

NOTE BY OC/T: MESSAGE DELAYED IN TRANSMISSION.

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